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AMENDMENTSIn the Claims:

This listing of claims will replace all prior versions and listings of claims in the application. Please cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims indicated as cancelled:

Claims 1-10 (canceled).

11. (Previously Presented) In a wireless communication system comprising at least two base stations and at least one switch in communication with the base stations, a method of performing handoff of a session from a base station connected with a mobile unit to a neighboring base station, wherein an instance of a low-level communications protocol is running at the base station connected with the mobile unit, comprising:

at the switch, determining when to perform handoff to a selected one of the neighboring base stations;

at the selected one of the neighboring base stations, creating a copy of the low-level communications protocol, including at least a synchronized time of day (TOD) parameter;

from the switch, sending a command to stop communication with the mobile unit at a specified TOD to the base station connected with the mobile unit and sending a command to start communication with the mobile unit at the specified TOD to the selected one of the neighboring base stations; and

updating session status tables in the switch and in the base stations.

12. (Original) Method, according to claim 11, wherein:

the session is selected from the group consisting of phone call and data link.

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13. (Previously Presented) Method, according to claim 11, wherein:

the low-level communications protocol comprises procedures selected from the group consisting of control and modulation of RF signals transmitted to the mobile unit by the base station, frequency hopping, error correction, accurate time synchronization, device address, rough time of day (TOD), voice channel allocation, forward error correction parameters, encryption keys, authentication keys, voice coding, device addressing, address of a parked mobile unit, definition of an asynchronous data link, and data FIFOs.

14. (Original) Method, according to claim 11, wherein:

the mobile unit is equipped with a short-range wireless communication transmitter/receiver.

15. (Original) Method, according to claim 11, wherein the mobile unit is a device selected from the group consisting of:

telephone handset, standard cordless telephone handset, cellular telephone handset, personal data device, personal digital assistant (PDA), computer, laptop computer, e-mail server, a device utilizing point-to-point protocol (PPP) to the Internet via a central remote access server, a headset, a personal server, a wearable computer, a wireless camera, and a mobile music player.

16. (Previously Presented) Method, according to claim 11, further comprising:

providing communication links between the base stations, wherein the communication links between the base stations are selected from the group consisting of RF links and land lines;  
and

transferring connection status information and synchronization information between the base stations over the communications links.

17. (Previously Presented) Method, according to claim 11, wherein:

the base stations and the switch are connected via a wired or wireless local area network (LAN).

18. (Original) Method, according to claim 11, wherein:

the wireless communication system comprises a wireless private branch exchange (WPBX) handling calls from mobile units comprising handsets.